

FIG. 1

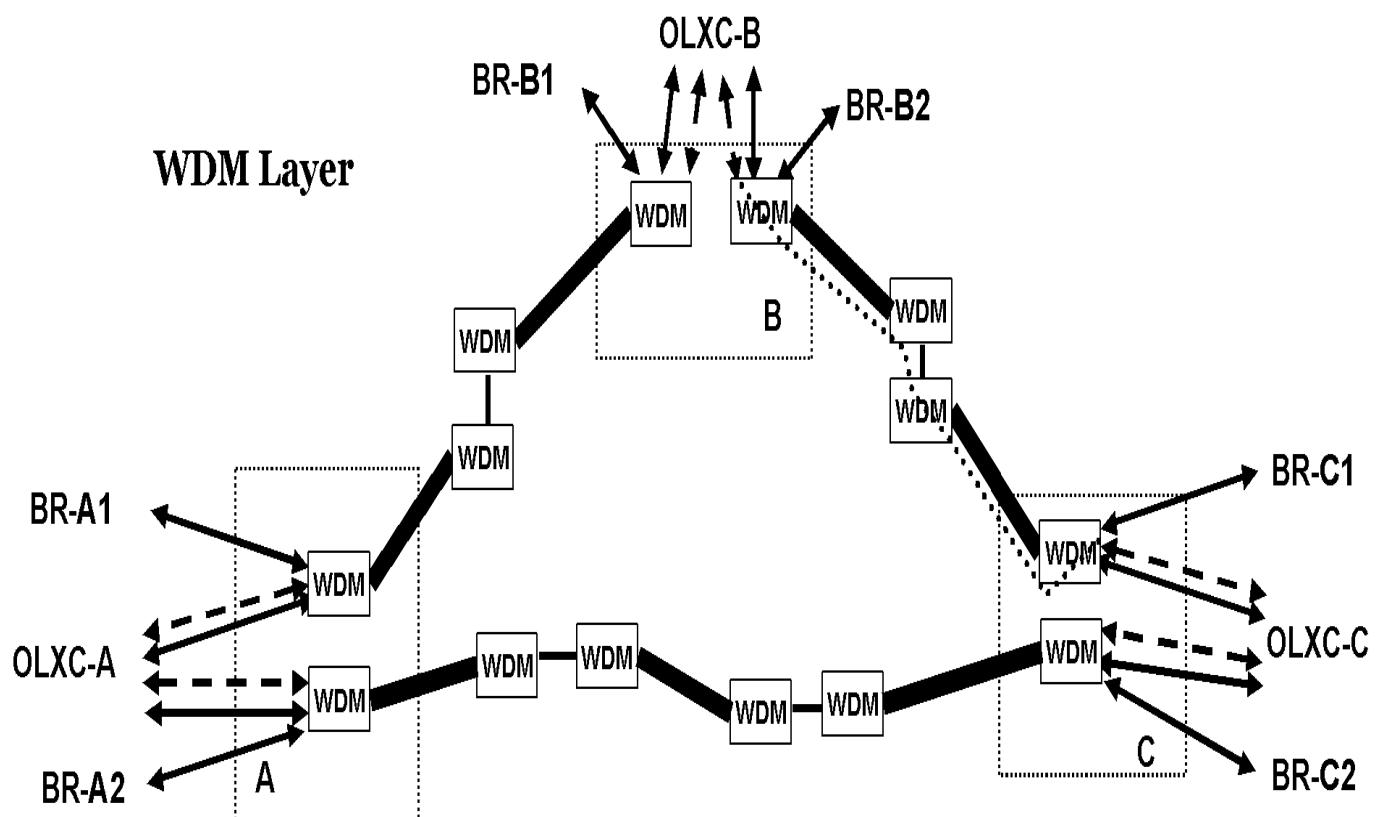
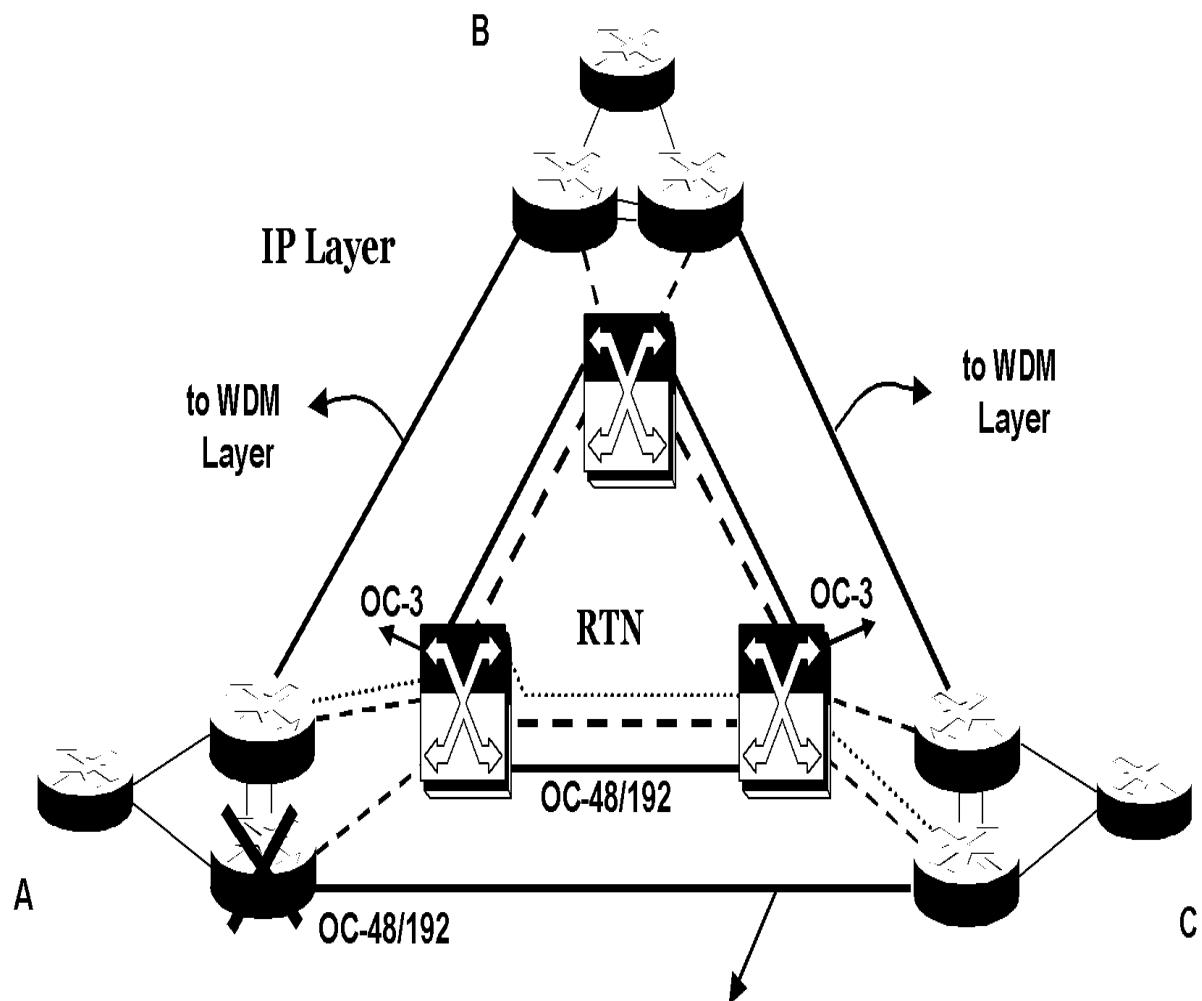


FIG. 2

LINK FAILURE

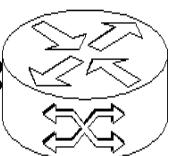
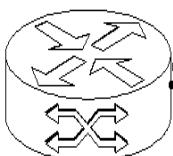
ROUTER A

310

ROUTER B

320

ID=100



LINK NOT ROUTED OVER RTN

361

362

351

352

353

356

355

RTN

350

330

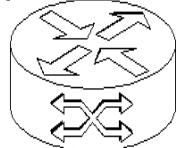


FIG. 3

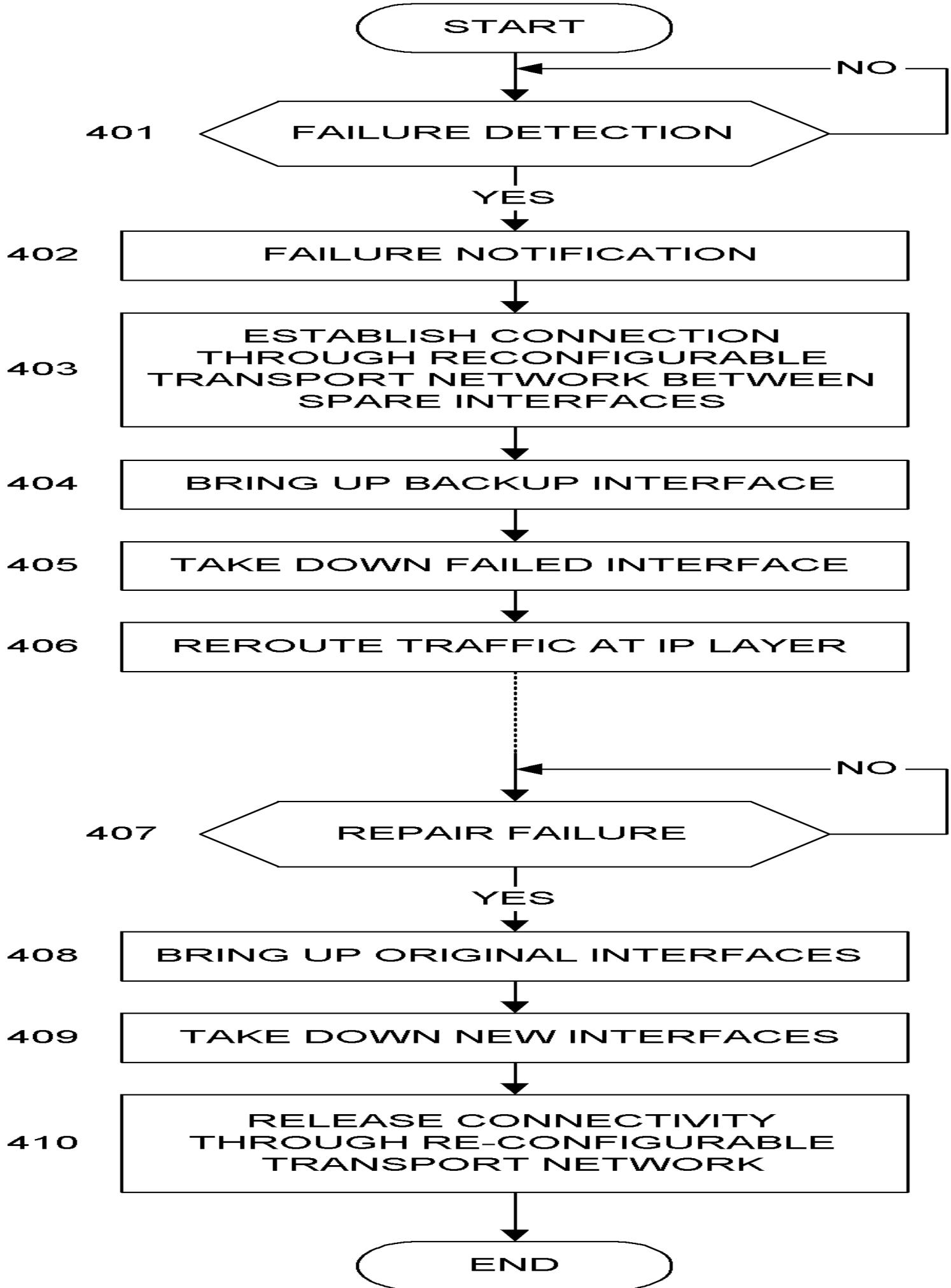


FIG. 4

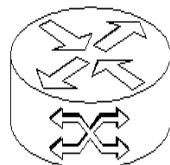
ROUTER A

ROUTER B

510

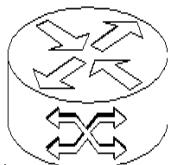
520

ID=100



INTERFACE FAILURE

ID=200



1:N INTERFACE
PROTECTION

LINK ROUTED OVER RTN

561

562

551

552

553

554

555

RTN
550

530

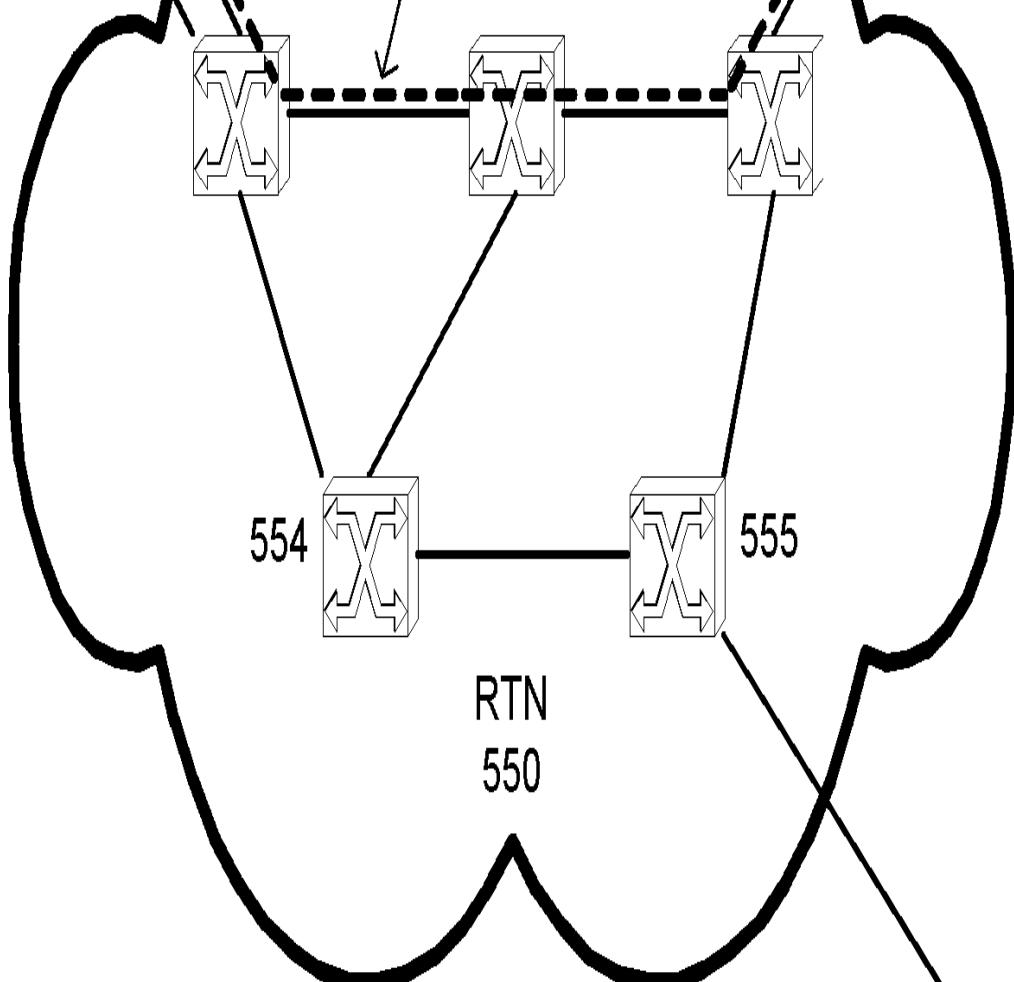


FIG. 5

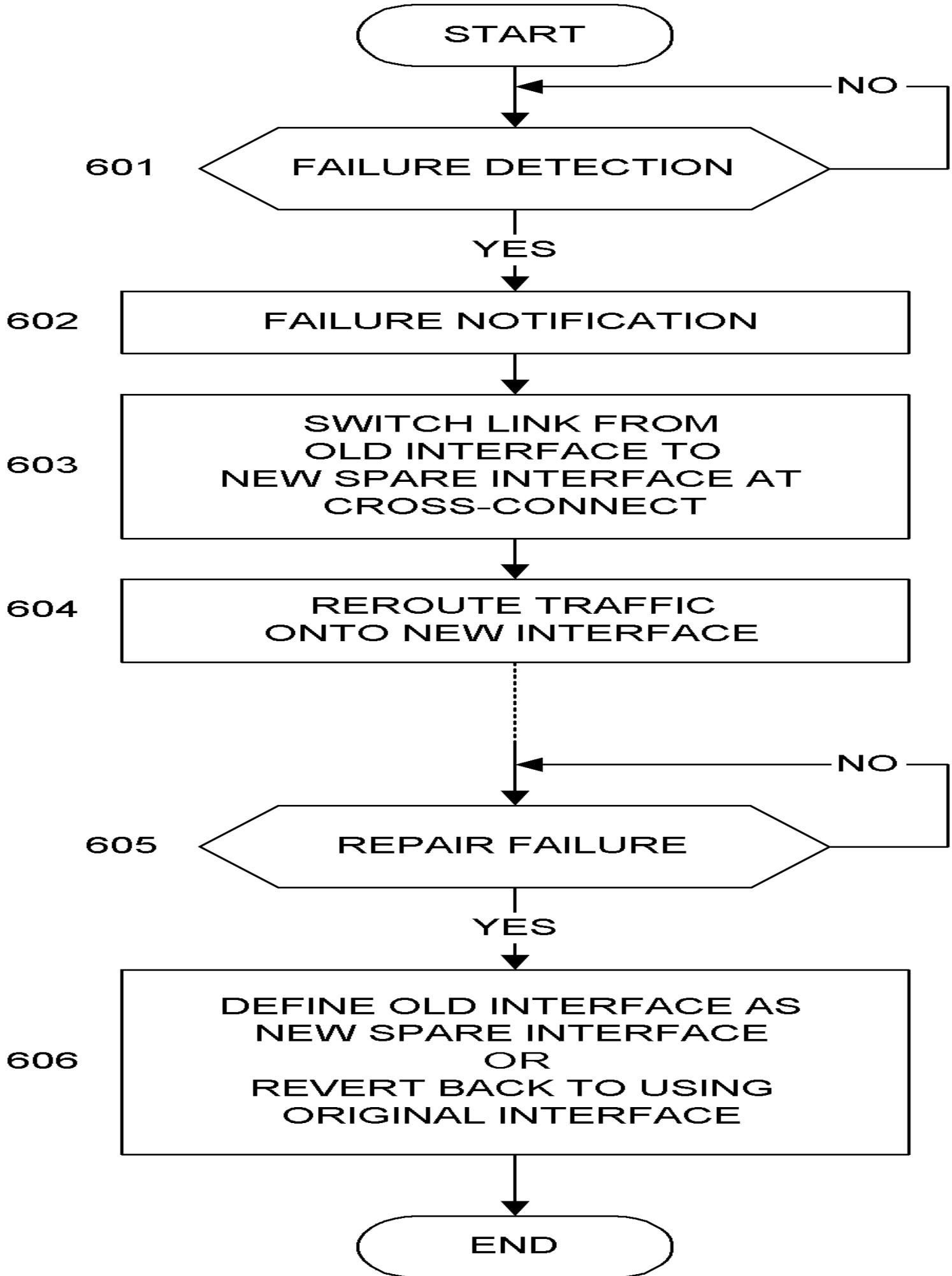


FIG. 6

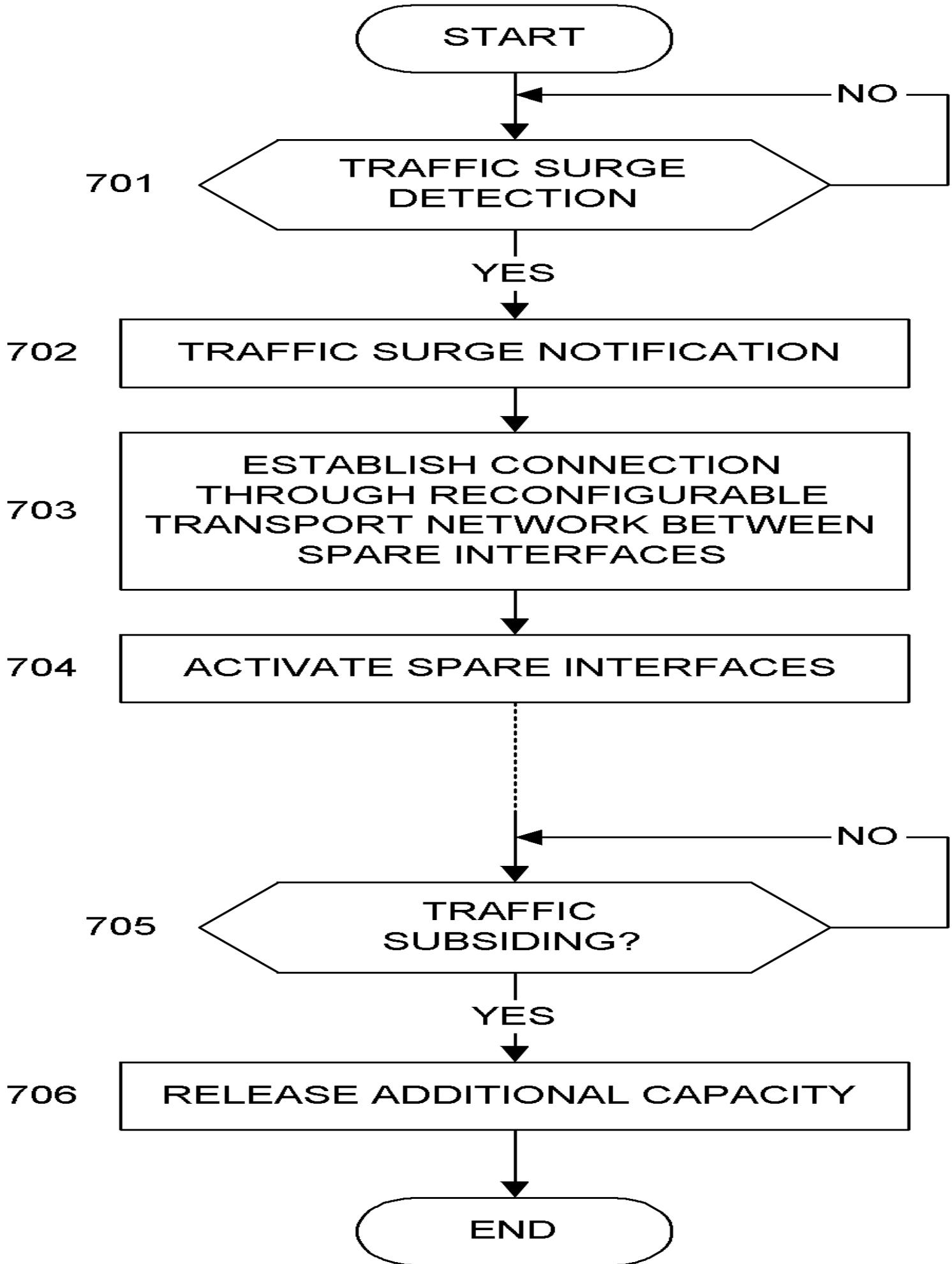


FIG. 7